

## INNOVATION AND ENTREPRENEURSHIP REPORT CARD

### Talent Pipeline

**GOAL:** Expand and enhance Virginia's high-quality, highly skilled workforce.

Entrepreneurship Experience	↑
Knowledge Worker Migration	↓
Science and Engineering Workforce	→
STEM Degrees	↑
Virginia FIRST Participation	→
Workforce Education Level	↑

### Research and Development

**GOAL:** Continually improve the efficiency and effectiveness of government operations.

Academic Science and Engineering R&D Expenditures	→
Corporate R&D Intensity	↓
Federal R&D Spending in Virginia	↑
Patents	→
SBIR and STTR Awards	→
State R&D Intensity	↓

### Access to Capital

**GOAL:** Improve access to capital for new and expanding high-tech enterprises.

Private Investment	↓
Public Sector Investment	↑
R&D Tax Credits	↑

### Commercialization

**GOAL:** Accelerate the introduction and growth of new technologies and products derived from research in Virginia.

University Environment	↑
University Licensing	↑
University Startups	↑

### Business Dynamics

**GOAL:** Enhance Virginia's business climate for entrepreneurs and high-growth technology enterprises.

Broadband Access	↑
Establishment Churn	↑
Fast Growing Firms	→
IPOs	↑
Startups	↑

### Outputs

**GOAL:** Accelerate technology-based capital investment and job growth.

High-tech Export Share	→
High-tech Employment	→
High-tech Payroll Share	→
Market Trends	→

### Performance Trend

Improving	↑
Maintaining	→
Worsening	↓

### Glossary

**STEM:** Science, Technology, Engineering, and Math

**FIRST:** For Inspiration and Recognition of Science and Technology (programs introducing K-12 students to science and technology)

**SBIR:** Federal Small Business Innovation Research grants

**STTR:** Federal Small Business Technology Transfer programs

**IPOs:** Initial Public Offerings (stock)

NOTE: Data provided by the Center for Innovative Technology